

# Work Order ID 59799

Friday, June 11, 2010 12:53:31 PM



Page 1

Item ID: D350-615-041

Accept

Revision ID:

Item Name: Ground Handling Wheel Modification <sup>39</sup> *ep*

Start Date: 6/10/2010 Start Qty: 40.00

Required Date: 6/25/2010 Req'd Qty: 40.00

Reference:

Approvals:

Process Plan: *R*

Date: *1064*

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D350-615-041

B

0.00

100



DC

Document Control

Memo

0.00

Photocopy bluefile and type labels (2 GHW Kits per box) as per PPP D350-615-041 CHG003

*S. 10/6/27*

*H for BG 10/07/26*

110

0.00



Small Fab

Small Fab

Memo

0.00

Assemble D2282-041 with D2282-043 as per Dwg D350-615 \*\*\*Only engage one thread on three 5/16-18-015C bolts\*\*\*

*GB 10/07/26 (38)*

120

0.00



QC

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

0.00

*S. 10/6/26*

*combo 436*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 59799

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19

x2  
30

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Item ID: D350-615-041

Accept



Setup

Start



Revision ID:

Stop



Item Name: Ground Handling Wheel Modification

Start Date: 6/10/2010 Start Qty: 40.00



Cust Item ID:

Required Date: 6/25/2010 Req'd Qty: 40.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

130

QC4- 100% Inspect kits for completeness

0.00

5/10/127

QC

Quality Control

Memo

0.00

x19  
Boxes 232

140



Packaging

Packaging

Memo  
Identify and pack for shipping as per PPP D350-615-041

Location: 31A  
PPP Rev: E part

Require marking! U 10-07-28

0.00

0.00

10/11/27 (38)

150



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

10/07/28 HJ

U 10-07-28

W/O:		WORK ORDER CHANGES					
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# Picklist Print

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Page 1

Work Order ID: 59799

Parent Item: D350-615-041

Parent Item Name: Ground Handling Wheel Modification

Comments: IPP Rev:K Removed Manufacturing 05-12-05 JLM IPP Rev:L  
revise bom DD 10.03.18 verified by:JLM

Start Date: 6/10/2010

Required Date: 6/25/2010

Start Qty: 40.00

Required Qty: 40.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2282-041 T Assembly		Manufactured	No			110	Each	0.0000	1	40			
D2282-043 Saddle Assembly		Manufactured	No			110	Each	13.0000	1	40			
<div> <div>Location</div> <div>ST261</div> <div>46685</div> <div>56684</div> </div> <div> <div>Loc Qty</div> <div>13</div> <div>8</div> <div>5</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> <div></div> </div>													
5/16-18-015C SS Bolt 5/16-18 1.5" L		Purchased	No			110	Each	107.0000	3	120			
<div> <div>Location</div> <div>ST377</div> <div>107762</div> <div>111550</div> <div>112560</div> </div> <div> <div>Loc Qty</div> <div>107</div> <div>1</div> <div>5</div> <div>101</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> <div></div> <div></div> </div>													
D3015-3 Locknut		Manufactured	No			110	Each	182.0000	3	120			
<div> <div>Location</div> <div>ST033</div> <div>43758</div> <div>56701</div> <div>58202</div> </div> <div> <div>Loc Qty</div> <div>182</div> <div>26</div> <div>3</div> <div>153</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> <div></div> <div></div> </div>													

B60196

38

EP 5/10/07/26

EP 5/10/07/26

B57515  
B60197

EP 5/10/07/26

M115072

63

EP 5/10/07/26

B60287

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

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Work Order ID: 59799

Parent Item: D350-615-041

Parent Item Name: Ground Handling Wheel Modification

Comments: IPP Rev:K Removed Manufacturing 05-12-05 JLM IPP Rev:L  
revise bom DD 10.03.18 verified by:JLM

Start Date: 6/10/2010

Required Date: 6/25/2010

Start Qty: 40.00

Required Qty: 40.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

5/16WC  
SS Flat Washer 5/16

Location	Loc Qty	Loc Code
ST377	317	
112560	239	
114758	78	

7/16-14-050C  
SS Bolt 7/16 5" Long

Location	Loc Qty	Loc Code
ST379	100	
111903	100	

D3015-5  
SS Nylock Nut 7/16

Location	Loc Qty	Loc Code
ST033	840	
51709	40	
52744	800	

7/16WC  
SS Flat Washer 7/16

Location	Loc Qty	Loc Code
ST379	421	
112563	421	

12  
480  
E/S 5/10/07/26  
366x  
M115110

1  
40  
E/S 5/10/07/26  
40 38

1  
40  
E/S 5/10/07/26  
40 38

2  
80  
E/S 5/10/07/26  
80 76

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Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries





DESIGN <i>BW</i>	DRAWN BY <i>KE</i>	DART AEROSPACE LTD VICTORIA INTERNATIONAL AIRPORT, CANADA	
CHECKED <i>DMY</i>	APPROVED <i>BW</i>	DRAWING NO. D350-615	REV. 8 SHEET 1 OF 2
DATE 97.10.21		TITLE GROUND HANDLING WHEEL MOD.	SCALE NTS
A	95.03.23	NEW ISSUE	
B	97.10.21	CHANGE NUMBERING SCHEME	

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT

-041	Part No.	Description
X	D350-615-041	Ground Handling Wheel Mod.
1	D2282-041	"T" ASSEMBLY
1	D2282-043	SADDLE ASSEMBLY
3	5/16-18-015C	5/16 BOLT 1.5 LONG
3	5/16-18NC	5/16 LOCKNUT (D3015-3)
12	5/16WC	5/16 WASHER
1	7/16-14-050C	7/16 BOLT 5.0 LONG
1	7/16-14NC	7/16 LOCKNUT (D3015-5)
2	7/16WC	7/16 WASHER

WITHOUT NOTICE  
WORK ORDER  
NO. 59289  
*pl 10611*

THESE INSTRUCTIONS ARE TO BE USED IN CONJUNCTION WITH  
THE AIRCRAFT MAINTENANCE AND OVERHAUL INSTRUCTION MANUAL  
AC43.13.1A & 2A ACCEPTABLE METHODS, TECHNIQUES, AND PRACTICES

#### INSTALLATION:

1. Remove existing ground handling wheel pump saddle.
2. Replace saddle with D350-615-041.
3. Torque 5/16 bolts to bottom, then back-off half turn to allow easy rotation without excessive play.

W/O:		WORK ORDER CHANGES					
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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

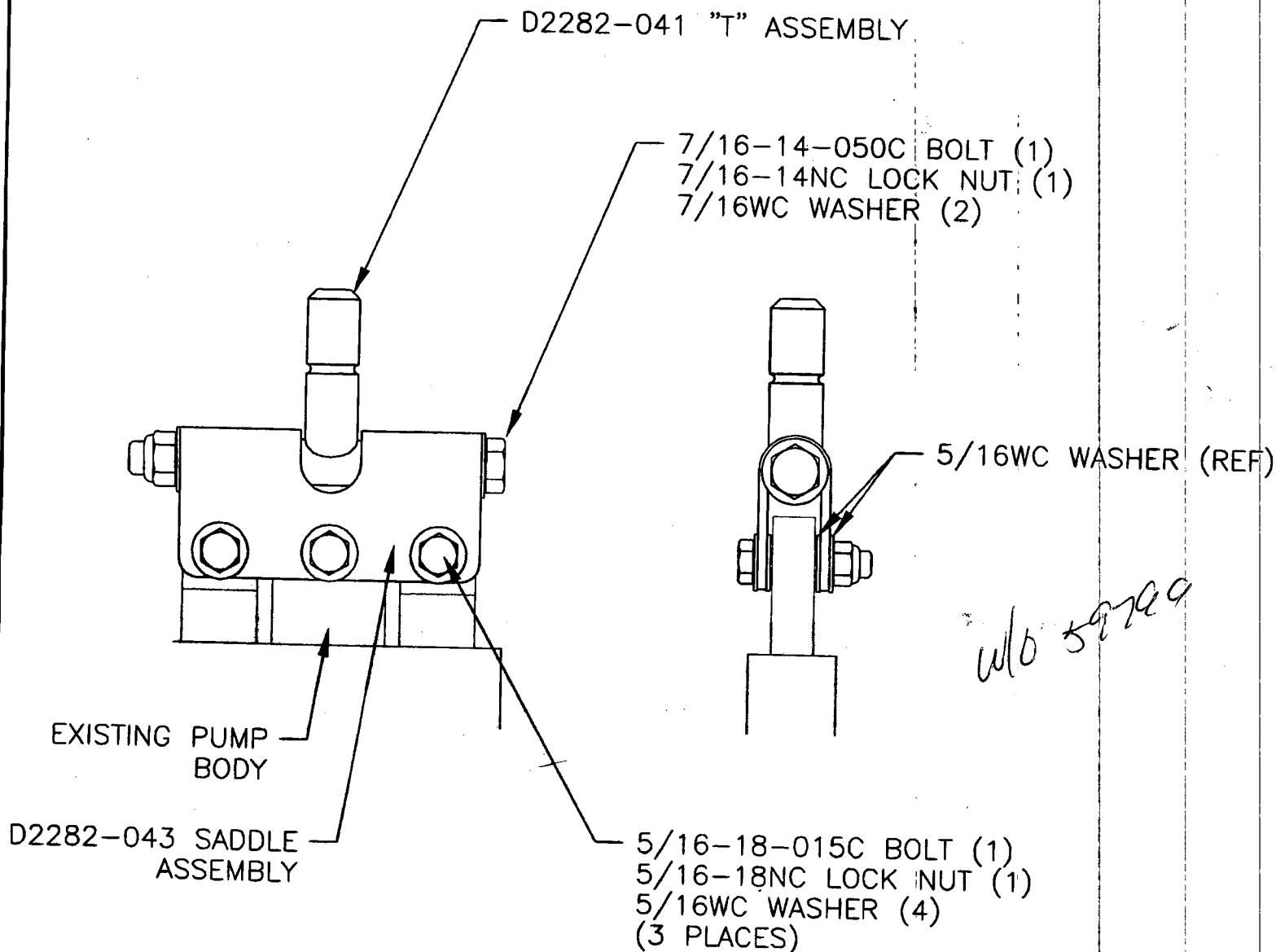
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DESIGN	DRAWN BY	DART AEROSPACE LTD VICTORIA INTERNATIONAL AIRPORT, CANADA	REV. B
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D350-615	SHEET 2 OF 2
DATE 97.10.21	TITLE GROUND HANDLING WHEEL MOD.	SCALE NTS	



W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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